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The collection in the care of the Section has been carefully examined by the Curator of the American Entomological Society, and its condition is now much better than heretofore.

The entomological collection of the late Titian R. Peale, Esq., which was presented to the Academy, has been transferred to the care of the Section. After selecting therefrom much that was spoiled for want of care, the remainder has been reset and labeled as the "T. R. Peale Collection," in accordance with the expressed wish of the heirs.

In compliance with the request of the Academy, the Entomological Section has selected the meeting of the second Tuesday of each alternate month at which to bring before the Academy matters pertaining to entomology.

The meetings of the Section have been much enhanced in interest by the reports of collections and observations by its members, some of whom have still further detailed the same in published articles.

The Section desiring to make its influence more generally felt by the students of Entomology, has determined to issue a publication to be known as "The Entomological News and Proceedings of the Entomological Section of the Academy Natural Sciences of Philadelphia." It will be issued monthly in parts of not less than 16 pages, and will contain, together with the proceedings, articles from contributors and a general resumé of entomological matter. Mr. E. M. Aaron has been appointed editor, with a supervisory committee to assist in the details of the work.

At the meeting in December the following officers were elected :—

<i>Director,</i>	.	.	.	.	Geo. H. Horn, M. D.
<i>Vice Director,</i>	.	.	.	.	H. C. McCook, D. D.
<i>Treasurer,</i>	.	.	.	.	E. T. Cresson.
<i>Recorder,</i>	.	.	.	.	E. M. Aaron.
<i>Publication Com.</i>	.	.	.	.	{ J. H. Ridings. Philip Laurent.

Respectfully submitted,

JAS. H. RIDINGS,
Recorder.

REPORT OF THE BOTANICAL SECTION.

The Vice-Director of the Botanical Section respectfully reports that the stated meetings have been held regularly during the year,

and that the attendance on, and interest in them have been fully maintained. The section is out of debt, and has a surplus in its treasury ; including a donation of \$100 from W. G. Warden towards a share in the botanical explorations in Asia Minor, now undertaken by Prof. Bornmuller, Director of the Royal Gardens of Belgrade.

Through the interest of members of the Section a number of Botanical Works have been added to the library of the Academy, while the additions to the Herbarium number 2,174, of which 1,585 are of flowering plants and ferns. Of these 36 represent genera not before in our collection, while of species, 585 are new additions. These new additions bring the number of vascular species represented in the Herbarium to about 28,805. The additions to the lower cryptogams are 589.

The conservator's account of the additions in detail is appended as part of this report ; as also an abstract of the detailed work of the Section by the Recorder.

Respectfully submitted,

THOMAS MEEHAN,

Vice-Director.

Conservator's Report for 1889.—The Conservator respectfully submits the following annual report upon the state of the Academy's Herbarium :—

The most important additions made during the past year are of species from Tropical America, among which are worthy of special enumeration, 300 species from the State of Tabasco, Mexico, presented by Prof. José N. Rovirosa ; 373 species from Guatemala, collected by H. Von Türckheim and presented by John Donnell Smith, of Baltimore ; 243 species from the northern provinces of Mexico, collected by C. G. Pringle in 1888, presented by the Conservator, and 116 species collected by Dr. E. Palmer at San Quentin Bay in Lower California and presented by the U. S. Department of Agriculture.

Through the kindness of Dr. Sereno Watson, of Cambridge, Mass., we have received from J. Thistleton Dyer, of the Kew Herbarium, Drummond's Mosses of the Rocky Mountains and British America, mounted in two volumes and embracing 249 species and 33 varieties.

From Ellis and Everhart we have received the 22nd and 23rd Centuries of North American Fungi, also a special and selected

Century of rare Fungi, in exchange for duplicate earlier Centuries received from the Estate of Dr. Geo. Martin.

Other important additions which will appear in the detailed list presented to the Academy, will raise the whole number of species received during the year to 2,174, of which 1,585 are Phanerogams and Ferns. Of these 585 are new to our collection, and 36 are of genera not before represented. Two hundred and thirty-nine are North American, 1,077 are from Tropical and South America, 144 are from the Eastern Continent and 125 are Australian and Polynesian. The remaining 589 species received are of Lower Cryptogams. How many of these are absolutely new to us we are at present not able to determine, from the fact that we lack catalogues of our large collections in that department. It is much to be desired that the Committee in charge of our Fungi shall be able soon to accomplish the work committed to them, for its completion will be a great step towards supplying the need referred to.

The number of species of vascular plants now in the Herbarium is estimated at 28,805.

All of the accessions of the past year have been carefully poisoned to prevent the ravages of insects, and the North American species have been mounted.

Respectfully submitted,

JOHN H. REDFIELD,
Conservator.

The Recorder makes the following report of the transactions of the Section during the current year:—

Nine meetings have been held with an average attendance of eight members each, excluding the present meeting.

Communications of great interest have been made by Messrs. Meehan and Redfield, and Drs. Rothrock, Wilson, Brinton, Rex and others.

During the present year a special effort has been made by the Section, at the request of the Academy, to add to the interest of the general meetings, by bringing matters of Botanical interest before the Academy at stated periods.

The announcement of the rediscovery of an old locality of *Coroma Conradii* on the New Jersey coast was made; also of a new locality of the same plant on the Maine coast; also the finding of the arctic *Stellaria humifusa* on the Maine coast was announced.

An excursion of great interest, to the Pocono Mt., in company with the Torrey Botanical Club of New York, was made, in which *Botrychium simplex* was found.

The following officers were elected to serve during the ensuing year :—

<i>Director,</i>	.	.	.	.	W. S. W. Ruschenberger.
<i>Vice Director,</i>	.	.	.	.	Thomas Meehan.
<i>Corresponding Sec.</i>	.	.	.	.	Isaac C. Martindale.
<i>Treasurer,</i>	.	.	.	.	Isaac C. Martindale.
<i>Conservator,</i>	.	.	.	.	John H. Redfield.
<i>Recorder,</i>	.	.	.	.	Charles Schäffer.

All of which is respectfully submitted,

CHARLES SCHÄFFER,
Recorder.

REPORT OF THE MINERALOGICAL AND GEOLOGICAL SECTION.

The Director of the Mineralogical and Geological Section would respectfully report that owing to the unusual absence from the city of the members most active in the Section, the meetings have not been as numerous or as large as in former years but there has been no lack of interest. The meetings jointly with the Academy have been generally regarded as interesting and successful. Considerable additions have been made to the collection. Many of the specimens were procured by purchase with the funds of the Section.

The following officers were elected to serve during the ensuing year :—

<i>Director,</i>	.	.	.	.	Theodore D. Rand.
<i>Vice Director,</i>	.	.	.	.	W. S. W. Ruschenberger.
<i>Treasurer,</i>	.	.	.	.	John Ford.
<i>Conservator,</i>	.	.	.	.	William W. Jefferis.
<i>Recorder and Secretary,</i>	.	.	.	.	Charles Schäffer.

Respectfully submitted,

THEO. D. RAND,
Director.